

Exhibit 3



N-Nitrosodimethylamine

CASRN 62-75-9 | DTXSID7021029

- [IRIS Summary \(PDF\)](#) (11 pp, 105 K)

[Key IRIS
Values](#)

[Other EPA
Information](#)

Noncancer Assessment

[Reference Dose for Oral Exposure \(RfD\) \(PDF\)](#) (11 pp, 105 K)

Not assessed under the IRIS Program.

Last Updated:

[Reference Concentration for Inhalation Exposure \(RfC\) \(PDF\)](#)

(11 pp, 105 K)

Not assessed under the IRIS Program.

Cancer Assessment

[Weight of Evidence for Cancer \(PDF\)](#) (11 pp, 105 K)

Last Updated: 01/31/1987

WOE Characterization	Framework for WOE Characterization
B2 (Probable human carcinogen - based on sufficient evidence of carcinogenicity in animals)	Guidelines for Carcinogen Risk Assessment (U.S. EPA, 1986)

Basis:

- Induction of tumors at multiple sites in both rodents and nonrodent mammals exposed by various routes.
- This may be a synopsis of the full weight-of-evidence narrative.

Quantitative Estimate of Carcinogenic Risk from Oral Exposure
(PDF) (11 pp, 105 K)

Oral Slope Factor: 5.1×10^1 per mg/kg-day

Drinking Water Unit Risk: 1.4×10^{-3} per $\mu\text{g/L}$

Extrapolation Method: Weibull, extra risk

Tumor site(s): Hepatic

Tumor type(s): Liver tumors (Peto et al., 1984)

Quantitative Estimate of Carcinogenic Risk from Inhalation
Exposure (PDF) (11 pp, 105 K)

Inhalation Unit Risk: 1.4×10^{-2} per $\mu\text{g/m}^3$

Extrapolation Method: Weibull, extra risk

Tumor site(s): Hepatic

Tumor type(s): Liver tumors (Peto et al., 1984)

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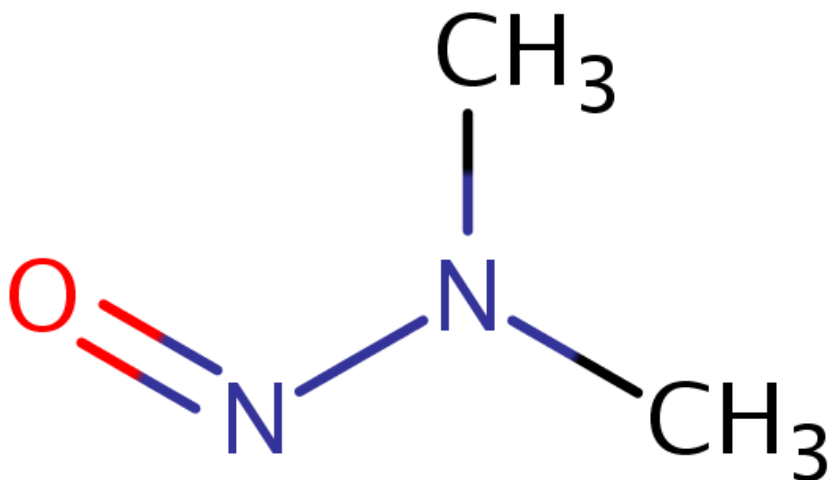
- [EPA Chemicals Dashboard - N-Nitrosodimethylamine](#)

Tumor Sites



Hepatic

Chemical Structure for N-Nitrosodimethylamine



Synonyms

- Dimethylamine, n-nitroso
- Dimethylnitrosamin
- Dimethylnitrosamine
- Dmna: dmn
- Methylamine, n-nitrosodi-

[more synonyms](#)

LAST UPDATED ON {MONTH DAY, YYYY}

